Claims

[c1]	An iso bearing for a circuit breaker, said bearing comprising: an inner surface, an outer surface, and a body extending therebetween, said inner surface comprising a pair of bosses and a pair of openings, said outer surface comprising at least one boss, said body comprising a pair of rotor protective flaps.
[c2]	A bearing in accordance with Claim 1 wherein said body outer surface and said inner surface are substantially planar. $\stackrel{'}{}$
[c3]	A bearing in accordance with Claim 1 wherein said body further comprises a perimeter and is substantially circular.
[c4]	A bearing in accordance with Claim 1 wherein said pair of bosses are diametrically opposed, each said boss sized to receive a rotor pin therein.
[c5]	A bearing in accordance with Claim 1 wherein said pair of openings are diametrically opposed, each said opening sized to receive a rotor boss therethrough.
[c6]	A bearing in accordance with Claim 1 wherein said pair of rotor protective flaps are diametrically opposed, said flaps extend substantially perpendicularly from said inner surface along said body perimeter.
[c7]	A bearing in accordance with Claim 1 wherein said pair of rotor protective flaps are adjacent said plurality of openings and receptacles.
[c8]	A bearing in accordance with Claim 1 wherein each said rotor protective flap has a height that is greater than a thickness of said body.
[c9]	A bearing in accordance with Claim 1 wherein said body outer surface comprises a boss configured to couple said body to the circuit breaker.
[c10]	A bearing in accordance with Claim 1 wherein said bearing is fabricated from a nonconductive material.
[c11]	A rotary contact assembly for a circuit breaker, said assembly comprising:

a rotor assembly comprising a plurality of pins, a linkage assembly, and a pair of rotor halves, each said rotor half comprising an inner and an outer surface and a perimeter, said outer surface comprising a plurality of bosses: a contact arm configured to be mechanically and electrically coupled to said rotor assembly inner surface by said plurality of pins and said linkage assembly: and a plurality of iso bearings mechanically coupled to said rotor assembly outer surface by the plurality of rotor bosses, said iso bearing comprising a pair of rotor protective flaps partially circumscribing said rotary contact assembly perimeter to facilitate shielding said plurality of pins and said link assembly. An assembly in accordance with Claim 11 wherein said pair of rotor protective flaps are diametrically opposed, said flaps extend substantially perpendicularly from said rotary contact assembly perimeter. An assembly in accordance with Claim 11 wherein said iso bearings and said contact arm are configured to rotate about the same axis of rotation. An assembly in accordance with Claim 11 wherein the rotor halve outer surfaces comprise a plurality of bosses configured to couple each said rotor halve to said iso bearings. An assembly in accordance with Claim 11 wherein said iso bearings comprise a boss configured to attach said iso bearing to the circuit breaker. An assembly in accordance with Claim 11 wherein said iso bearing is fabricated from a nonconductive material A circuit breaker comprising: a pair of electrically insulative cassette half pieces comprising a cavity therein: a plurality of electrically conductive straps positioned within each said half piece:

a rotor contact assembly positioned in said cavity, said assembly comprising a plurality of pins, a linkage assembly, and a pair of rotor halves, each said rotor half comprising an inner and an outer surface and a perimeter, said outer

surface comprising a plurality of bosses:

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[c17]

a contact arm configured to be mechanically and electrically coupled to said rotor assembly inner surface by said plurality of pins and said linkage assembly; a plurality of iso bearings mechanically coupled to said rotor contact assembly outer surface by the plurality of rotor bosses, each said iso bearing comprising a pair of rotor protective flaps partially circumscribing said rotary contact assembly perimeter to facilitate shielding said plurality of pins and said link assembly;

an operating mechanism configured to separate said conductive straps and a contact arm; and

a plurality of arc chambers coupled to each said half pieces.

[c18] A circuit breaker in accordance with Claim 17 wherein said pair of rotor protective flaps are diametrically opposed, said flaps extend substantially perpendicularly from said rotary contact assembly perimeter.

[c19] A circuit breaker in accordance with Claim 17 wherein said rotor includes a first half and a second half, said contact arm positioned between said first and second rotor halves.

[c20] A circuit breaker in accordance with Claim 17 wherein said rotor further includes a plurality bosses positioned on each of said first and second halves such that said iso bearings mechanically couple to said rotor.

[c21] A circuit breaker in accordance with Claim 17 wherein each of said iso bearing is fabricated from a nonconductive material.